

Title (en)

Disposal of spent catalyst by vitrification.

Title (de)

Entsorgung von verbrauchten Katalysatoren durch Verglasung.

Title (fr)

Elimination de catalyseurs usés par vitrification.

Publication

**EP 0418010 A2 19910320 (EN)**

Application

**EP 90309867 A 19900910**

Priority

GB 8920636 A 19890912

Abstract (en)

Spent oxidic catalyst, such as vanadium pentoxide from a sulphuric acid manufacturing process, is rendered into an environmentally acceptable non-leachable form suitable for disposal by incorporation into a vitrified amorphous slag formed of oxidic slag forming agents such as CaO, SiO<sub>2</sub>, FeO and Al<sub>2</sub>O<sub>3</sub>. The vitrified slag may be formed as part of a conventional ferrous or non-ferrous smelting process, or may employ a pre-existing slag from such a process.

IPC 1-7

**B09B 3/00**; **C03B 5/00**; **C03C 6/00**

IPC 8 full level

**B09B 3/00** (2006.01); **C03C 1/00** (2006.01); **C03C 6/00** (2006.01); **C03C 6/10** (2006.01)

CPC (source: EP US)

**B09B 3/29** (2022.01 - EP US); **C03C 1/002** (2013.01 - EP US); **Y10S 423/12** (2013.01 - EP US)

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